

CLAIM

I claim:

1. A re-positioning reminder for a cellular phone comprising:
a PC board having a re-positioning reminder circuit defined thereon;
wherein said re-positioning reminder circuit includes:
an ON switch and an OFF switch;
a time counting program being able to be turned on and off by said ON switch and OFF switch;
an alarm device which can be actuated by said time counting program to selectively produce alarm sound or not;
whereby as a cellular phone is taken away from a fixed position or taken out of a cellular phone pocket, said ON switch and OFF switch will actuate said time counting program of said re-positioning reminder device to effect time counting and if said cellular phone is not dialed or operated and still in a stand-by mode and is not put back to said fixed position or said cellular phone pocket within a pre-set period of time, said time counter program will actuate said alarm device to send out alarm sound on said pre-set time running out to remind a user to put said cellular phone not in operation back to said fixed position or said cellular phone pocket; as long as said cellular phone is placed back to said fixed position or said cellular phone pocket, said ON/OFF switch will immediately stop said alarm device in operation; at then said re-positioning reminder circuit resumes a stand by mode waiting for a next operation in which an identical procedure repeats when said cellular phone is taken away from a fixed position or said cellular phone pocket.

2. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein when a cellular phone is taken away from said fixed position or said cellular phone pocket, said time counter program begins to count time and if said cellular phone is being in operation, said time counter program stops said time counting operation till the end of the operation of said cellular phone terminates; said time counter program re-starts the time counting operation and said cellular phone must be put back to said fixed position or in said cellular phone pocket within said pre-set time otherwise said alarm device will send out alarm sound on the expiration of said pre-set time.

3. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein said ON switch and OFF switch has such a capability to detect an approach or departure with respect to an article preset on a particular position that said time counter program can be actuated by said ON switch and OFF switch.

4. The re-positioning reminder for a cellular phone as claimed in claim 3 wherein said ON switch and OFF switch is made up of a magnet plate and a magnet-operated reed-in-tube switch whereby said magnet plate fixed at a particular position can produce an ON/OFF signal when said reed-in-tube switch is made to come close or move away from said magnet plate so as to actuate said time counting program.

5. The re-positioning reminder for a cellular phone as claimed in claim 3 wherein said ON switch and OFF switch is of a reflection type infrared switch and a reflection means is fixed to a particular position or inside said cellular phone pocket so that infrared beam from said infrared switch can be reflected back and received by a receiver in said infrared switch which can be a cellular phone

equipped infrared transmitter whereby said receiver will receive an ON/OFF signal will turn on or off said time counting program accordingly.

6. The re-positioning reminder for a cellular phone as claimed in claim 2 wherein said CPU contains a time counting delay program which can control a circuit that is a part of a vibration alarm of a cellular phone to produce alarm sound.

7. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein said time counting delay program is adjusted in accordance to a personal requirement.

8. A re-positioning reminder for a cellular phone as claimed in claim 1 wherein a charger mount of said cellular phone is equipped with a magnet plate or a reflection means at a proper position so that when said cellular phone is put back to said charger mount, said time counting program built in said cellular phone is stopped to function so as not to produce alarm sound accordingly.

9. A re-positioning reminder for a cellular phone as claimed in claim 1 wherein said cellular phone is charged by a travel charging means having a socket-pin type plug in which a pair of pins are short circuited and as the plug is engaged in a charging socket of said cellular phone, the corresponding connection points of said charging socket will also be short circuited so as to stop said cellular phone producing alarm sound to remind a user.

10. A re-positioning reminder for a cellular phone as claimed in claim 1 wherein said travel charging means having a cylindrical plug is used; as the plug is engaged with a charging socket of said cellular phone, electrical power will be delivered to said socket, and at the same time, one set of mechanical contact points in said cylindrical plug will be divided apart, said cellular phone will

detect the input of electrical power or the breaking apart signal of said mechanical points can be detected so as to prevent said cellular phone from producing alarm sound.

11. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein as said cellular phone is placed in said charger mount, a charging power signal enters said cellular phone serving as a signal to stop said cellular phone to produce an alarm sound.

12. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein said time counting program is directly written or recorded inside said CPU of a cellular phone and the electrical power is provided by a battery of said cellular phone and the alarm producing means is said vibration ring circuit of said cellular phone.

13. The re-positioning reminder for a cellular phone as claimed in claim 1 wherein a PC board equipped with said re-positioning reminder circuit having said magnet operated reed-in-tube switch is housed in an independent shelter provided with a battery which supplies electrical power to said PC board and a buzzer for generating alarm sound.

14. The re-positioning reminder for a cellular phone as claimed in claim 3, or 4 or 5 wherein said cellular phone can be housed in any kind of receiving means including a pocket of women's handbags or pockets of any clothes or garment in which a magnet or an infrared reflection means is mounted to turn off or turn on said time counting delay program of said cellular phone and said alarm means.